

IN THE CLAIMS:

1. (Twice Amended) A method for manufacturing a network device comprising the steps of:

obtaining a network device control software program;

obtaining a downloadable unit configured to communicate with the network device control software program for later transmission over a network to a remote client to enable the remote client [to enable the remote client] to remotely configure the network device,

the downloadable unit [comprising] including

a communicator component for establishing a communications channel between the remote client and the software program,

an interface component for enabling a user to communicate with the downloadable unit, and

a configuration component for managing and configuring the remote device or the software program;

compiling the software program into a binary file;

embedding the downloadable unit into the binary file; and

loading the binary file with the embedded downloadable unit onto the network device.

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1 13. (Thrice Amended) A system for managing a network device from a remote client,  
2 comprising:  
3 a binary file of a network device control software program stored in the network  
4 device;  
5 a downloadable unit embedded in the [software program] binary file, for  
6 managing the network device[;],  
7 the downloadable unit including[:]  
8 a communicator component for establishing a communications channel  
9 between the remote client and the software program[;],  
10 an interface component for enabling a user to communicate with the  
11 downloadable unit[;], and  
12 a configuration component for managing and configuring the remote device or  
13 the software program; and  
14 a web server for communicating with the remote client and for transmitting the  
15 embedded downloadable unit to the remote client.

27. (Twice Amended) A system for manufacturing a network device, comprising:  
means for obtaining a network device control software program;  
means for obtaining a downloadable unit configured to communicate with the  
network device control software program for later transmission over a network  
to a remote client [to enable the remote client] to enable the remote client to  
remotely configure the network device,  
the downloadable unit [comprising] including  
a communicator component for establishing a communications channel  
between the remote client and the software program,  
an interface component for enabling a user to communicate with the  
downloadable unit, and  
a configuration component for managing and configuring the remote device or  
the software program;  
means for compiling the software program into a binary file;  
means for embedding the downloadable unit into the binary file; and  
means for loading the binary file with the embedded downloadable unit onto a  
network device.

40. (Twice Amended) A method comprising the steps of:  
receiving from a remote client a request to manage a network device control  
software program having a binary file [from a remote client];  
locating a downloadable unit which corresponds to the request and is embedded in  
the binary file;  
extracting the downloadable unit from the binary file; and  
forwarding the downloadable unit to the remote client.

sub-E13 41. (Once Amended) A system comprising:

2 means for receiving from a remote client a request to manage a network device  
3 control software program having a binary file [from a remote client];  
4 means for locating a downloadable unit corresponding to the request embedded in  
5 the binary file;  
6 means for extracting the downloadable unit from the binary file; and  
7 means for forwarding the downloadable unit to the remote client.

sub-E14 42. (Twice Amended) A computer-storage medium storing program code for causing  
2 a computer to perform the steps of:

3 receiving from a remote client a request to manage a network device control  
4 software program having a binary file [from a remote client];  
5 locating a downloadable unit which corresponds to the request and is embedded in  
6 the binary file;  
7 extracting the downloadable unit from the binary file; and  
8 forwarding the downloadable unit to the remote client.

1 43. (Twice Amended) A system comprising:

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3 a web server for receiving from a remote client a request to manage a network  
4 device control software program which has a binary file with an embedded  
downloadable unit for performing the request,

5 the downloadable unit [comprising] including

6 a communicator component for establishing a communications channel  
7 between the remote client and the software program,

8 an interface component for enabling a user to communicate with the  
9 downloadable unit, and

10 a configuration component for managing and configuring the remote device or  
11 the software program;

12 an extractor coupled to the web server for extracting the downloadable unit from  
13 the binary file; and

14 a communicator coupled to the extractor for forwarding the downloadable unit to  
15 the remote client.

sub 28 44. (Thrice Amended) A method for modifying available remote device management services, comprising the steps of:

3 obtaining a new downloadable unit for performing a new service[;], the new

4 downloadable unit [comprising] including

5 a communicator component for establishing a communications channel

6 between the remote client and [the] a network device control software

7 program,

8 an interface component for enabling a user to communicate with the

9 downloadable unit, and

10 a configuration component for managing and configuring the remote device or

11 the software program;

12 retrieving [a] the network device control software program binary file having an

13 embedded old downloadable unit for performing an old service from a

14 network device;

15 substituting the old downloadable unit for the new downloadable unit; and

16 loading the network device control software program binary file having the new

17 downloadable unit onto the network device.